

## GDC-0349

Cat. No. CEI-0853

Lot. No. (See product label)

### Introduction

**Description** GDC-0349 is a potent and selective ATP-competitive inhibitor of mTOR with  $K_i$  of 3.8 nM, 790-fold inhibitory effect against PI3K $\alpha$  and other 266 kinases. Phase 1.

**Synonyms** RG7603

### Product Information

**CAS No.** 1207360-89-1

**Molecular Formula** C<sub>24</sub>H<sub>32</sub>N<sub>6</sub>O<sub>3</sub>

**Chemical Name** Urea, N-ethyl-N'-[4-[5,6,7,8-tetrahydro-4-[(3S)-3-methyl-4-morpholinyl]-7-(3-oxetanyl)pyrido[3,4-d]pyrimidin-2-yl]phenyl]-

**Molecular Weight** 452.55

**Targets** mTOR

**IC<sub>50</sub>** 3.8 nM ( $K_i$ )

**Solubility** DMSO 91 mg/mL; Water <1 mg/mL; Ethanol 6 mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.